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Ingco CIWLI2001

Ingco CIWLI2001 Lithium-Ion Impact Driver Set - 20 Volt User Manual

Model: CIWLI2001

INTRODUCTION

This manual provides essential instructions for the safe operation, maintenance, and troubleshooting of your Ingco CIWLI2001 Lithium-Ion Impact Driver Set. Please read this manual thoroughly before using the tool to ensure proper function and to prevent injury.

The Ingco CIWLI2001 is a powerful 20-volt cordless impact driver designed for fastening and loosening nuts, bolts, and screws. It features a high torque output, variable speed control, and an integrated LED working light for enhanced visibility.

SAFETY INFORMATION

Always wear appropriate personal protective equipment (PPE) such as safety glasses, gloves, and hearing protection when operating power tools. Ensure your work area is well-lit and free from obstructions. Keep children and bystanders away from the operating area. Disconnect the battery pack before making any adjustments, changing accessories, or storing the tool.

PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- 1 x Ingco CIWLI2001 Lithium-Ion Impact Driver
- 2 x 20V Lithium-Ion Batteries (2.0 Ah)
- 1 x Battery Charger (110-240 Volt)
- 3 x Sockets (17 mm, 19 mm, 21 mm)
- 1 x User Manual



Figure 1: Ingco CIWLI2001 Lithium-Ion Impact Driver Set. This image displays the complete set, including the impact driver, two 20V lithium-ion batteries, a battery charger, and three sockets (17mm, 19mm, 21mm).

SETUP

1. Charging the Battery

1. Connect the charger to a standard 110-240 Volt AC power outlet.
2. Slide the 20V Lithium-Ion battery pack onto the charger base. Ensure it clicks into place.
3. The charger indicator light will show the charging status. Refer to the charger's specific instructions for light indications (e.g., red for charging, green for fully charged).
4. Allow the battery to fully charge before first use. Charging time may vary.
5. Once charged, disconnect the charger from the power outlet and remove the battery.

2. Installing/Removing the Battery Pack

- **To Install:** Align the battery pack with the base of the impact driver handle. Slide the battery into the tool until it locks securely into place with an audible click.
- **To Remove:** Press the battery release button (usually located on the sides of the battery pack) and slide the battery out of the tool.

3. Installing/Removing Sockets

- **To Install:** Push the desired socket (17mm, 19mm, or 21mm) onto the square drive anvil of the impact driver until it is firmly seated.
- **To Remove:** Pull the socket firmly off the square drive anvil.

OPERATING INSTRUCTIONS

1. Powering On/Off and Speed Control

- The tool is activated by pressing the trigger switch.
- The impact driver features variable speed control. Pressing the trigger further increases the speed, up to a maximum no-load speed of 2300 RPM.
- Release the trigger to turn off the tool.

2. Forward/Reverse Rotation

- A forward/reverse selector switch is located above the trigger.
- Push the switch to the left for forward rotation (tightening).
- Push the switch to the right for reverse rotation (loosening).
- Position the switch in the center to lock the trigger and prevent accidental starting. Always engage the lock when not in use or when changing accessories.

3. Integrated Working Light

The impact driver is equipped with an integrated LED working light. This light automatically illuminates when the trigger is pressed, providing improved visibility in dimly lit work areas.

4. Impact Mechanism

The impact mechanism engages when resistance is met, delivering powerful rotational and tangential blows to the fastener. This allows for high torque applications, such as tightening or loosening stubborn bolts, with a maximum torque of 300 NM and an impact rate of 0-3550 BPM.

MAINTENANCE

1. Cleaning

- Regularly clean the ventilation openings of the tool to prevent overheating.
- Use a soft, damp cloth to wipe down the tool's exterior. Do not use harsh chemicals or abrasive cleaners.
- Never immerse the tool or battery in water.

2. Battery Care and Storage

- Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures.
- For long-term storage, charge batteries to approximately 50-70% capacity.
- Avoid fully discharging Lithium-Ion batteries, as this can reduce their lifespan.

3. General Storage

When not in use, store the impact driver and its accessories in a secure, dry location, out of reach of children. Ensure the battery is removed from the tool before storage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start.	Battery not installed correctly or discharged. Trigger lock engaged.	Ensure battery is fully seated and charged. Disengage the trigger lock.
Reduced power or performance.	Battery charge is low. Incorrect socket size.	Recharge the battery. Use the correct size socket for the fastener.
Tool overheats.	Prolonged heavy use. Blocked ventilation slots.	Allow the tool to cool down. Clean ventilation slots. Avoid continuous heavy-duty operation.
Socket does not stay on anvil.	Socket not fully pushed on. Worn anvil or socket.	Ensure socket is fully seated. Inspect anvil and sockets for wear; replace if necessary.

SPECIFICATIONS

Feature	Detail
Model	CIWLI2001
Voltage	20 Volt
No-load Speed	0-2300 RPM
Impact Rate	0-3550 BPM
Maximum Torque	300 NM
Battery Type	Lithium-Ion
Battery Capacity	2.0 Ah
Charger Voltage	110-240 Volt
Included Sockets	17 mm, 19 mm, 21 mm
Special Features	Integrated LED Working Light
Item Weight	209 g (tool only, without battery)
Product Dimensions	10 x 20 x 37 cm (packaging/overall dimensions)

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or contact Ingco customer service through their official website or authorized service centers. Keep your purchase receipt as proof of purchase for warranty claims.

Online Resources: For additional support and product information, visit the official Ingco website.

